

Title (en)

POSITIVE TEMPERATURE COEFFICIENT DEVICE FOR AIRCRAFT CONTROL SYSTEMS

Title (de)

POSITIVE TEMPERATURKOEFFIZIENT VORRICHTUNG FÜR LUFTFAHRZEUGSYSTEME

Title (fr)

DISPOSITIF DE COEFFICIENT DE TEMPÉRATURE POSITIF POUR SYSTÈMES DE CONTRÔLE D'AÉRONEF

Publication

EP 3419135 A1 20181226 (EN)

Application

EP 18178818 A 20180620

Priority

US 201715628058 A 20170620

Abstract (en)

A controller unit (100) for an aircraft control system may include a circuit board (105) and a positive temperature coefficient device (110). The circuit board (105) may include conductive traces and a plurality of mounted electronic components forming a circuit. The positive temperature coefficient device (110) may be configured to provide overcurrent protection for the circuit. The controller unit (100) may be located in explosion-restricted areas (101) of the aircraft (10).

IPC 8 full level

H02H 9/02 (2006.01); **B64D 45/00** (2006.01); **H02H 3/08** (2006.01); **B64C 25/26** (2006.01); **B64C 25/42** (2006.01)

CPC (source: EP US)

B60H 1/2218 (2013.01 - US); **B64C 13/24** (2013.01 - US); **B64C 25/26** (2013.01 - EP US); **B64C 25/42** (2013.01 - EP US); **B64D 45/00** (2013.01 - EP US); **G05B 9/02** (2013.01 - US); **H02H 3/085** (2013.01 - EP US); **H02H 9/026** (2013.01 - EP US); **H05B 1/0236** (2013.01 - US); **B60H 2001/224** (2013.01 - US); **B64D 2221/00** (2013.01 - EP US); **H05B 2203/02** (2013.01 - US)

Citation (search report)

- [X] US 5645746 A 19970708 - WALSH MALCOLM R [US]
- [X] US 6611659 B2 20030826 - MEISIEK JUERGEN [DE]
- [X] US 7307391 B2 20071211 - SHAN XINXIN [CA]
- [X] EP 1288989 A2 20030305 - EATON CORP [US]
- [A] CN 104229126 A 20141224 - CN ACADEMY LAUNCH VEHICLE TECH
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3419135 A1 20181226; US 2018368210 A1 20181220

DOCDB simple family (application)

EP 18178818 A 20180620; US 201715628058 A 20170620